



(19)

(11) Publication number:

**05032534**

Generated Document.

**PATENT ABSTRACTS OF JAPAN**(21) Application number: **03210066**(51) Intl. Cl.: **A61K 7/48 A61K 7/00**(22) Application date: **26.07.91**

(30) Priority:

(43) Date of application  
publication: **09.02.93**(84) Designated contracting  
states:(71) Applicant: **SHISEIDO CO LTD**(72) Inventor: **NANBA TOMIYUKI  
KANBE TETSUYA**

(74) Representative:

**(54) SKIN COSMETIC**

(57) Abstract:

**PURPOSE:** To obtain a skin cosmetic having excellent slip, protecting skin with refreshing touch for many hours in application to skin, hardly being stuck to a target material by using a specific amino-modified or ammonium modified polymer silicone.

**CONSTITUTION:** A skin cosmetic blended with one or more of amino-modified or ammonium modified polymer silicones shown by the formula [R1 is methyl or partially phenyl; R2 and R3 are the same, and are methyl or OH; R3 is R4Z (R4 is alkylene; Z is amino or ammonium shown by NR52, N+R53A, etc. (R5 is alkyl; A is Cl, Br, etc.)); (m) and (n) are positive number, (m+n) are 1,000-20,000 integer and (n/m) is 1/500 to 1/10,000}. The silicone shown by the formula is dissolved in low-boiling cyclic silicone, low-boiling chained silicone or low-boiling isoparaffinic hydrocarbon and

added to a cosmetic base to give the skin cosmetic or emulsified with an emulsifying agent to give an emulsified skin cosmetic. The cosmetics protect hands from chapped skin, mainly chapped hand caused by scrubbing and washing.

COPYRIGHT: (C)1993,JPO&Japio

